

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID39599
Project Name	Project – Early Detection of Chronic Kidney Disease using Machine Learning
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The goal is to predict the presence of chronic kidney disease at the early stage of disease, so that the disease can be cured at the early stage and the prevention of loss of life can be done.
2.	Idea / Solution description	This concept is useful in medical field especially using this the disease can be predicted easily and quicker manner. The detection of this disease may help many patients to prevent additional side effects like pulmonary edema which may lead to breathing problems and heart attacks.
3.	Novelty / Uniqueness	Chances of kidney failure can be reduced and the disease can be cured. The side effects of the chronic kidney disease can be prevented by detecting at the early stage.
4.	Social Impact / Customer Satisfaction	It helps the doctors to predict the disease at the early stage and easier manner. It helps to prevent loss of life and kidney failure.
5.	Business Model (Revenue Model)	Hospitals can use this methodology because nowadays people suffer with many kidney problems which may be helpful for prediction.
6.	Scalability of the Solution	Supportful in prediction of disease and side effects of kidney disease.